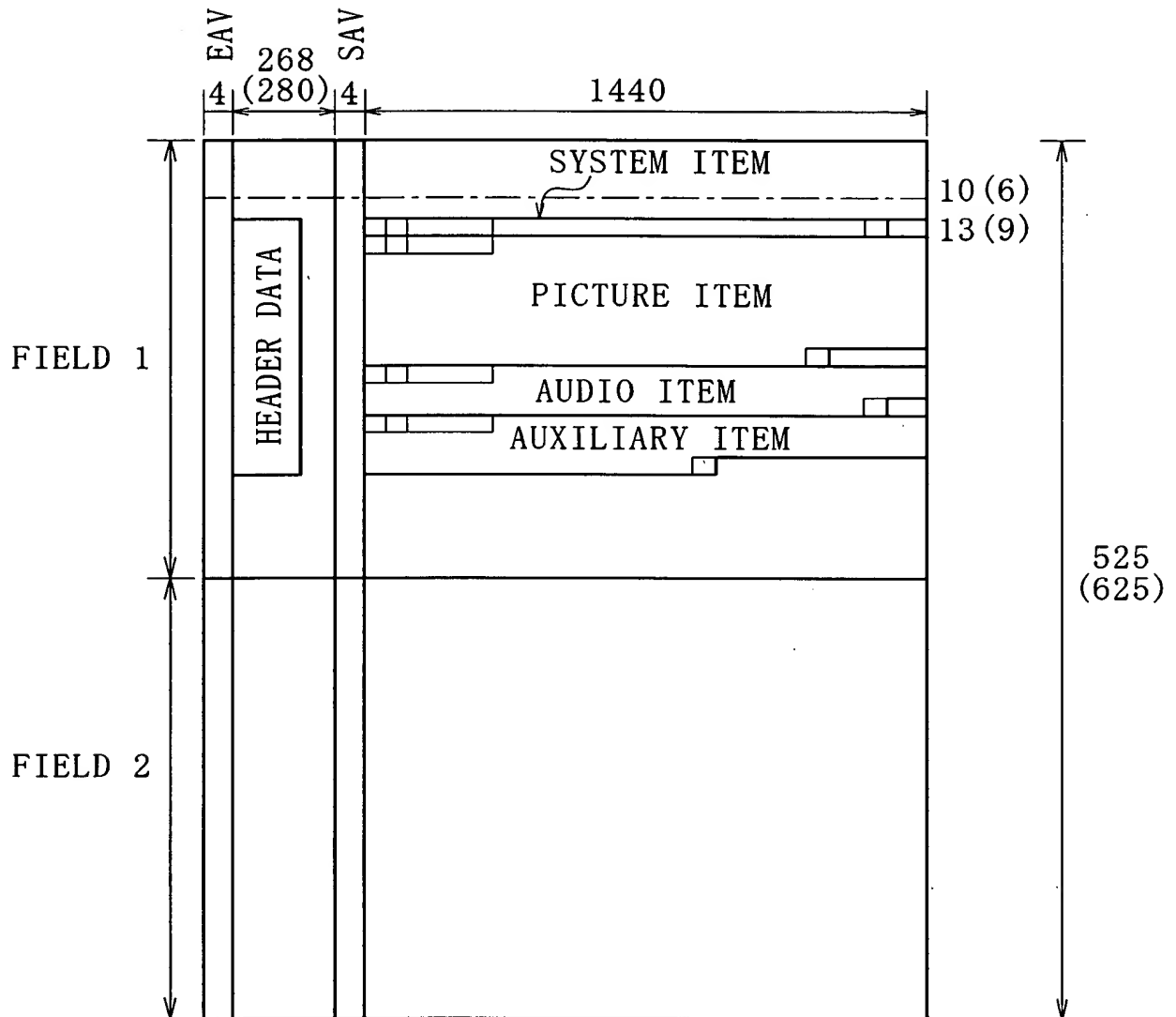
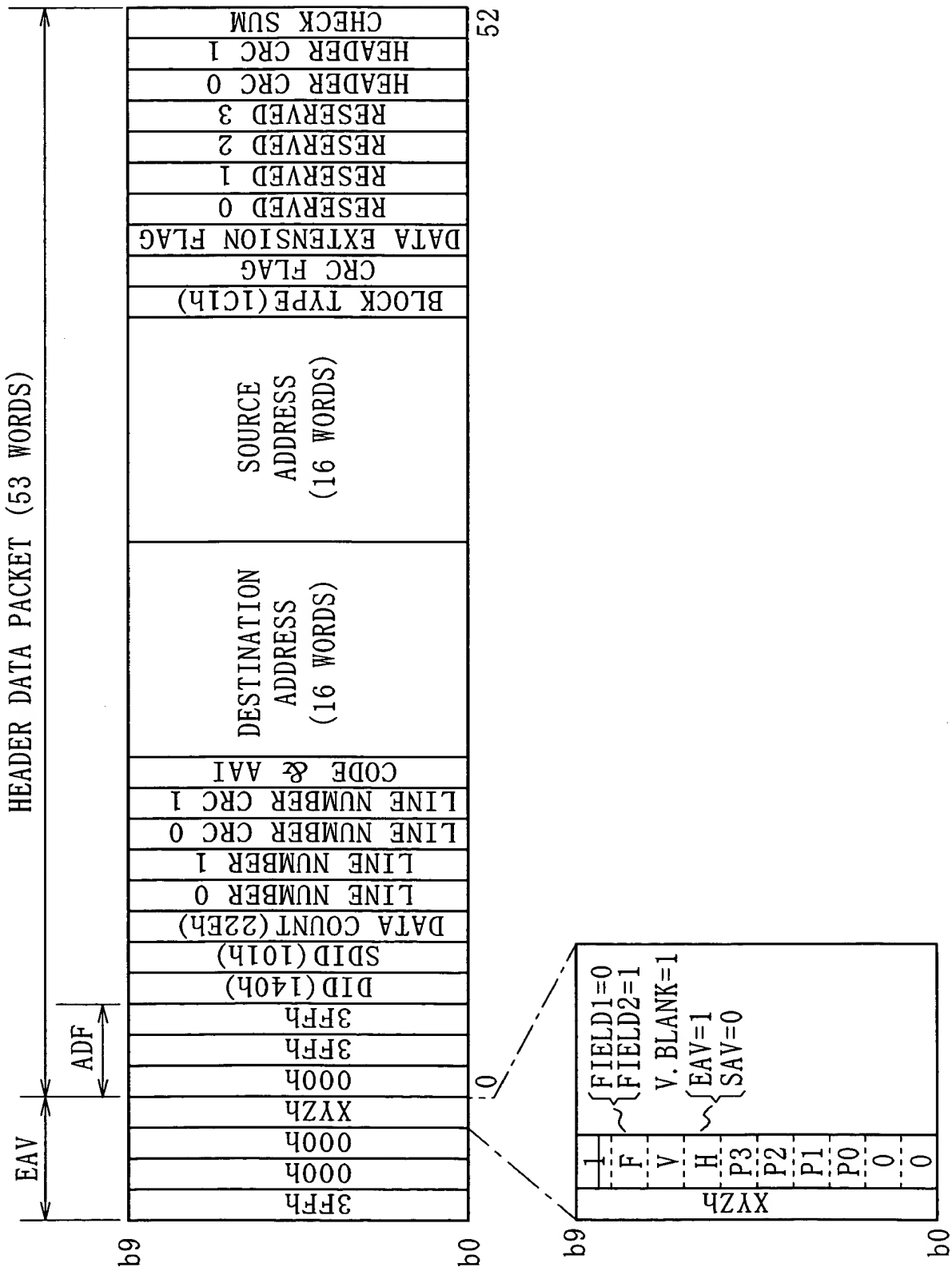


F I G . 1



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FIG. 2



F I G . 3

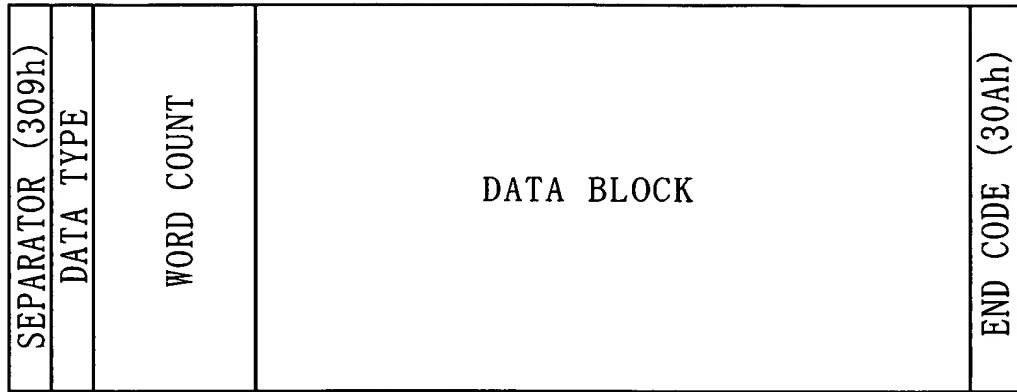
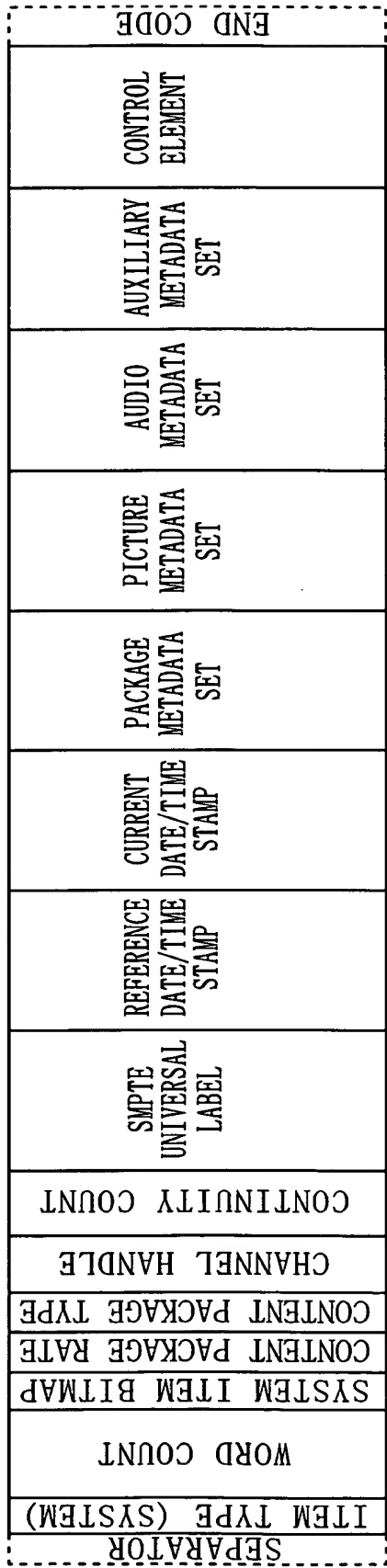


FIG. 4



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C7	C15
C6	C14
C5	C13
C4	C12
C3	C11
C2	C10
C1	C9
C0	C8

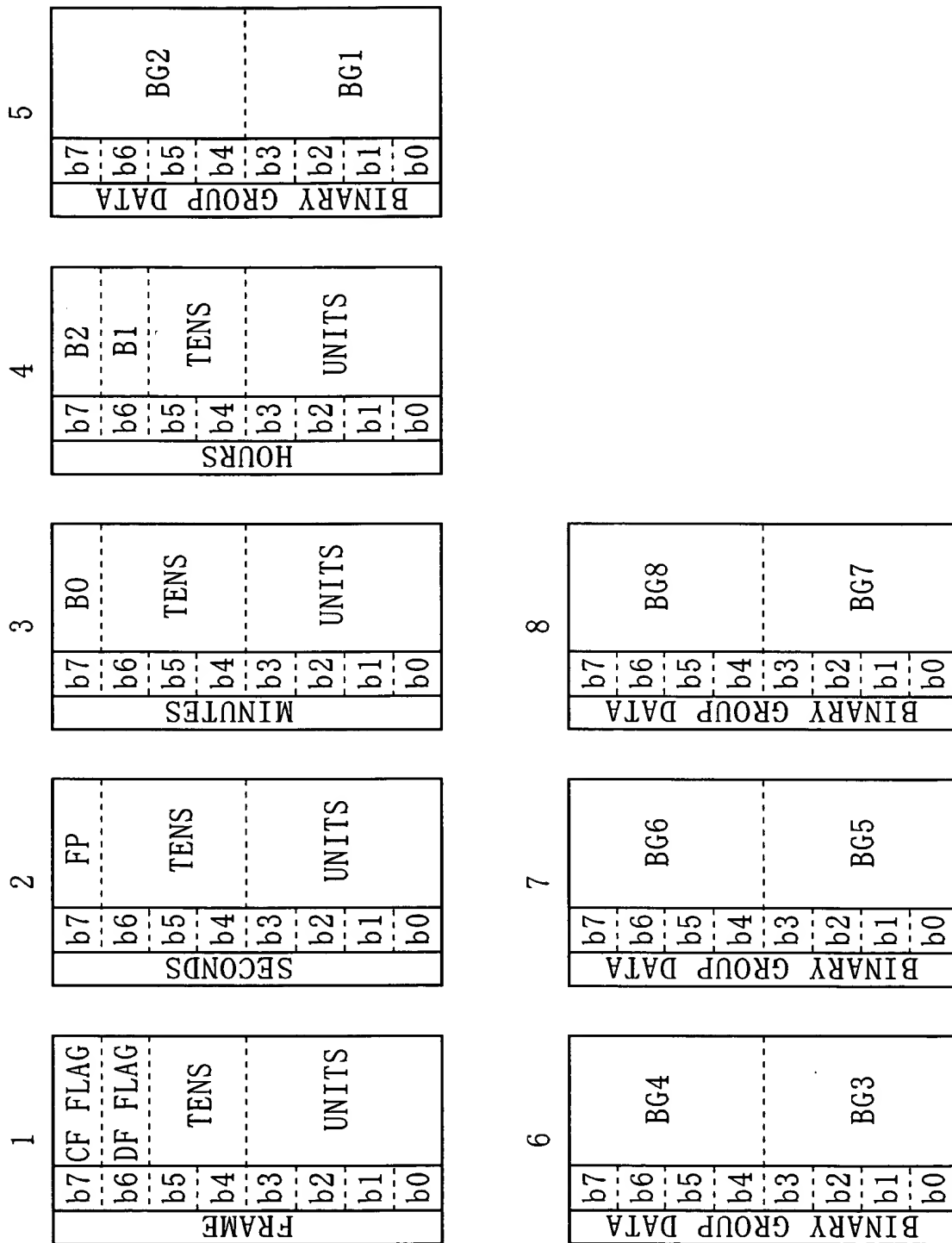
H7	H15
H6	H14
H5	H13
H4	H12
H3	H11
H2	H10
H1	H9
H0	H8

b7	STREAM STATUS
b6	RESERVED
b5	RESERVED
b4	TRANSFER MODE
b3	TIMING MODE
b2	
b1	
b0	

b7	RESERVED
b6	PACKAGE RATE
b5	1.001 FLAG
b4	
b3	
b2	
b1	
b0	

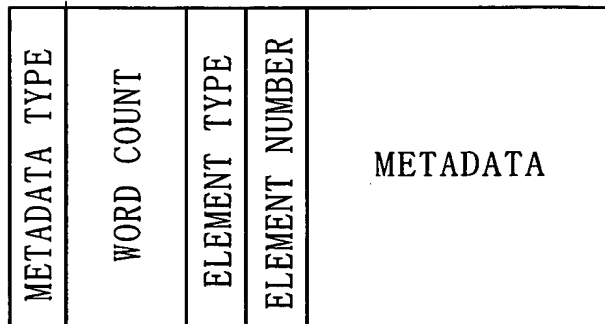
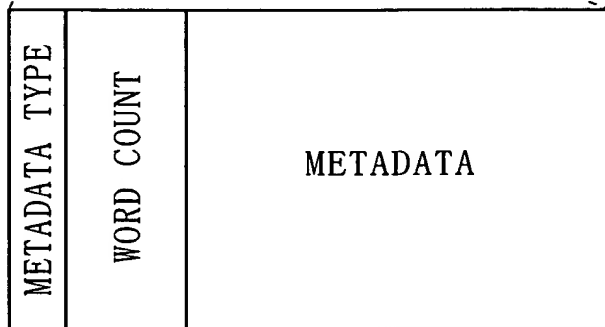
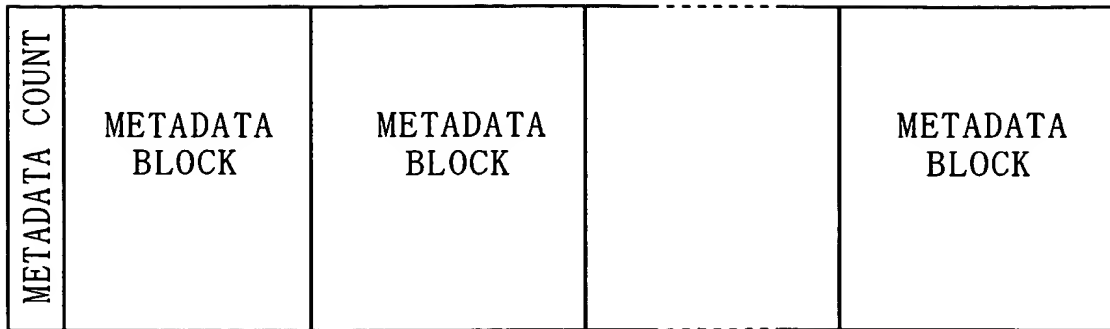
b7	FEC ACTIVE FLAG
b6	SMPTE LABEL
b5	REF DATE/TIME
b4	CURRENT DATE/TIME
b3	PICTURE
b2	AUDIO
b1	AUXILIARY
b0	CONTROL

FIG. 5



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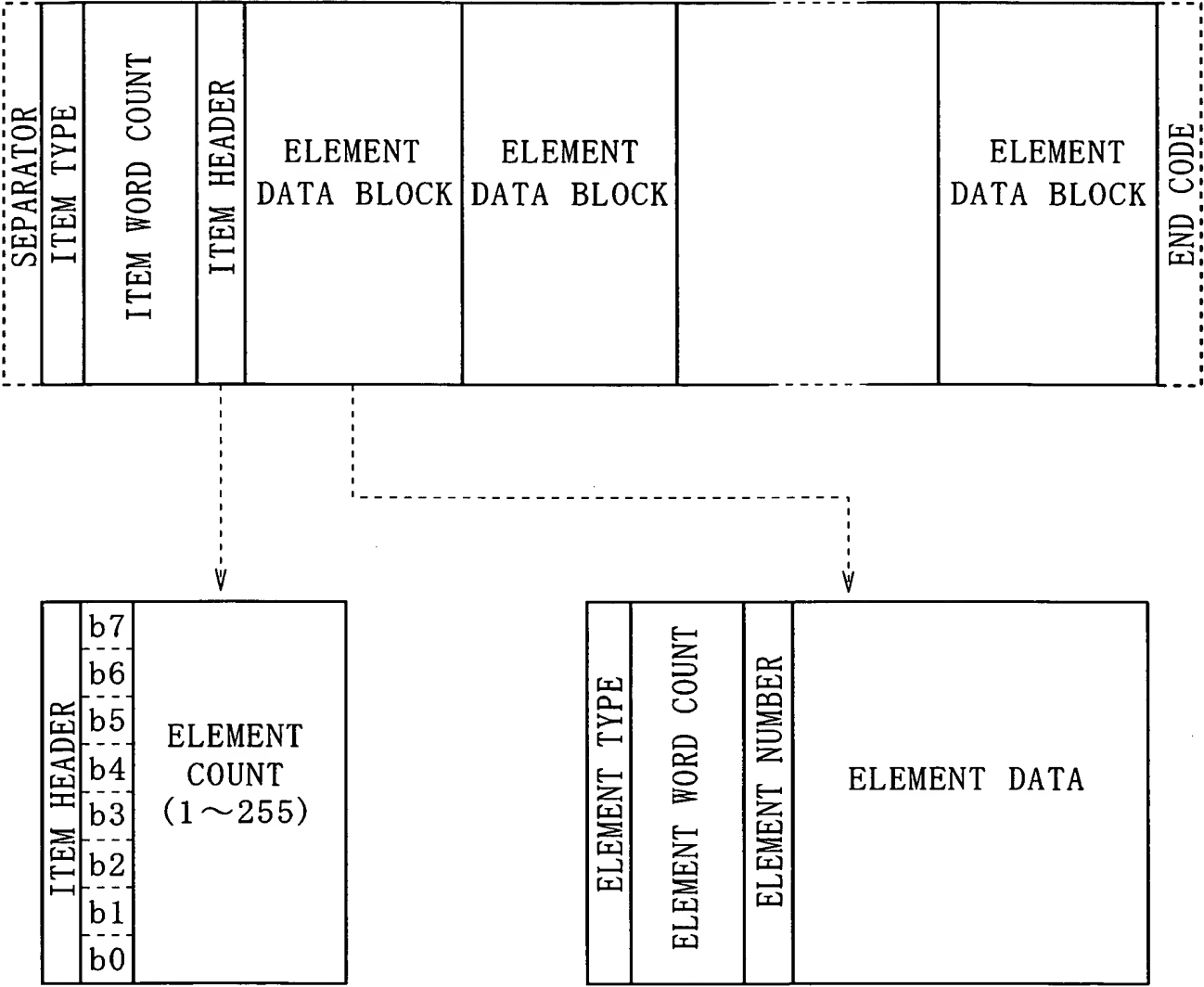
F I G . 6



b7	b15
b6	b14
b5	b13
b4	b12
b3	b11
b2	b10
b1	b9
b0	b8

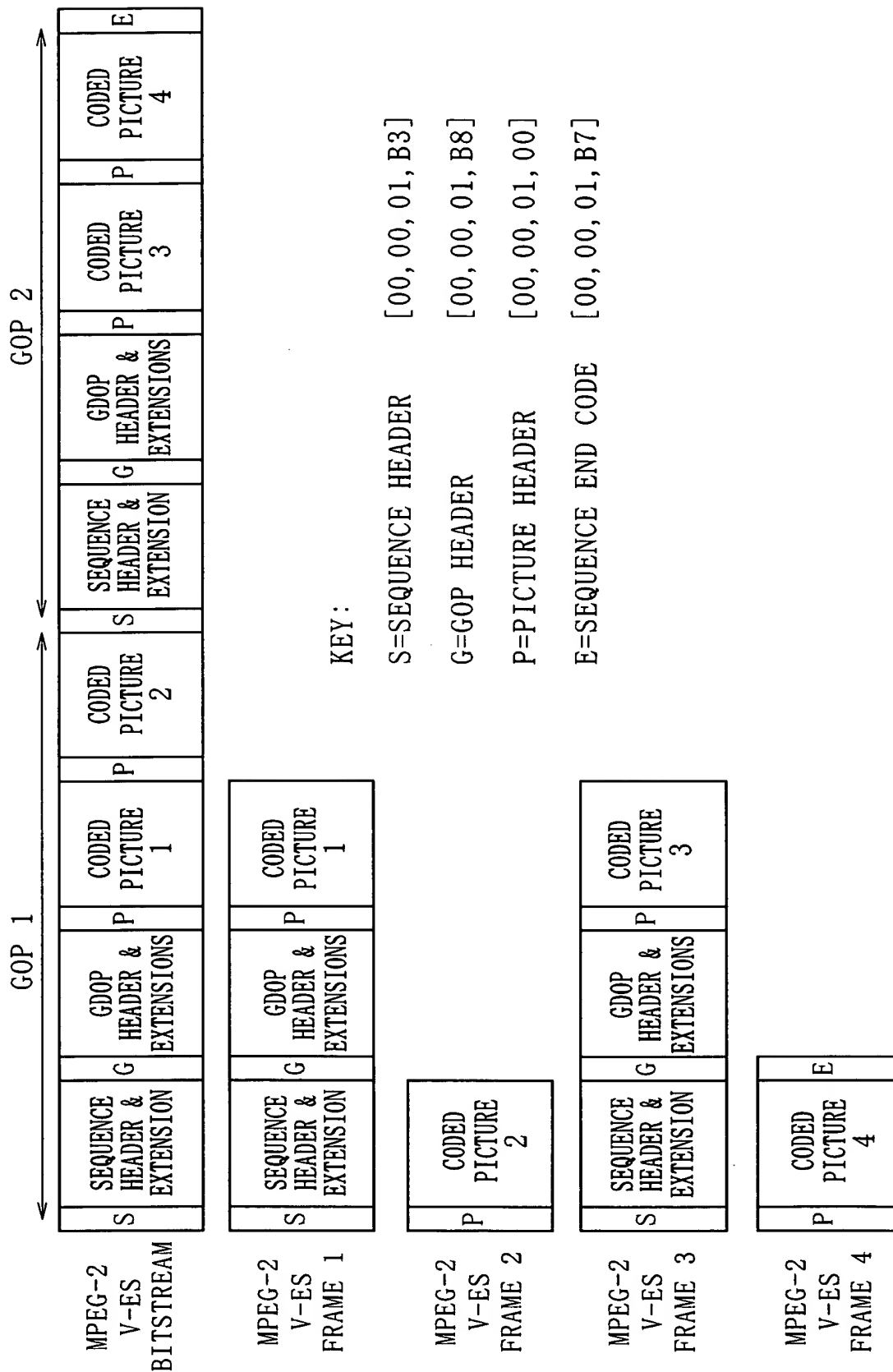
FOI 2009-06261-260

F I G . 7



FORNED T646T460

FIG. 8



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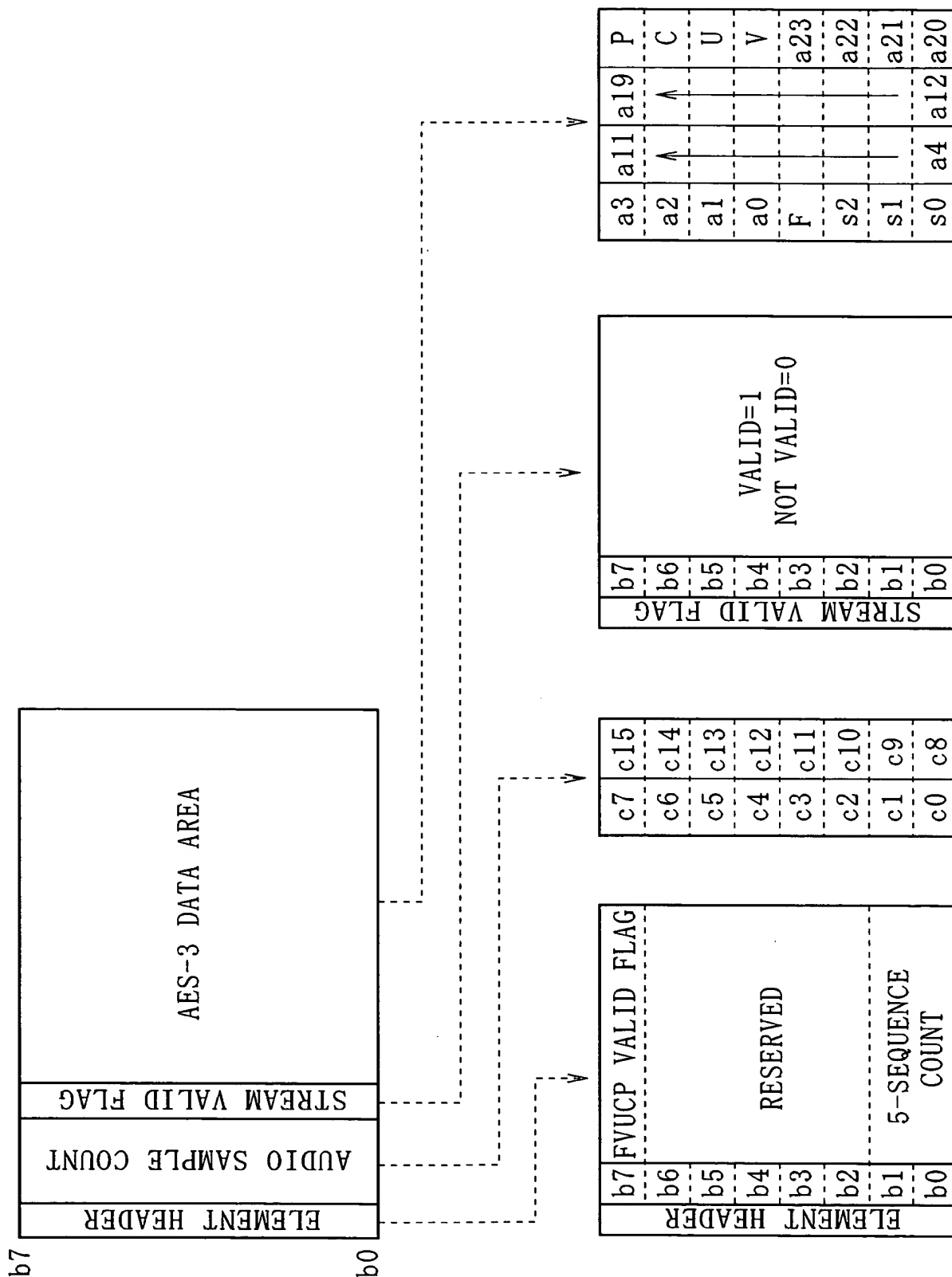
F I G . 9

PICTURE EDITING BITMAP	b7	EDIT FLAG
	b6	
	b5	ERROR FLAG
	b4	
	b3	PICTURE CODING VALID
	b2	
	b1	HV SIZE VALID
	b0	
		USER BITMAP VALID

PICTURE CODING	b7	CLOSED GOP
	b6	BROKEN LINK
	b5	PICTURE CODING TYPE
	b4	
	b3	RESERVED
	b2	
	b1	
	b0	

MPEG USER BITMAP	b7	HISTORY DATA
	b6	ANC DATA
	b5	VIDEO INDEX
	b4	PICTURE ORDER
	b3	TIMECODE 2
	b2	TIMECODE 1
	b1	H-PHASE
	b0	V-PHASE

FIG. 10



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5 FRAMES = 8008 SAMPLES

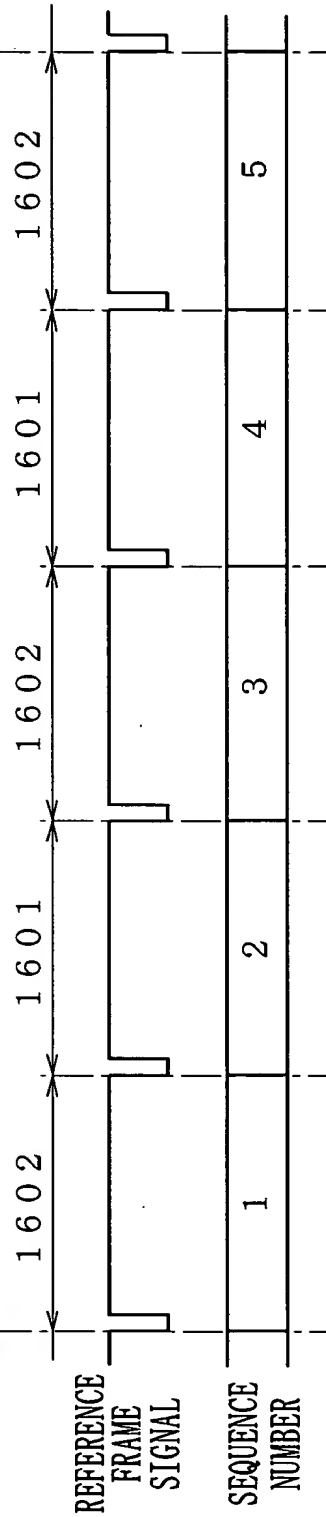


FIG. 11A

FIG. 11B

FIG. 12

FIELD/FRAME FLAGS							
b7	b6	b5	b4	b3	b2	b1	b0
FRAME=0 FIELD=1							

AUDIO EDITING BITMAP							
b7	b6	b5	b4	b3	b2	b1	b0
FIRST EDIT FLAG				SECOND EDIT FLAG			
				ERROR FLAG			
				RESERVED			

CS VALID BITMAP							
b7	CS VALID 4						
b6	CS VALID 3						
b5	CS VALID 2						
b4	CS VALID 1						
b3	RESERVED						
b2							
b1							
b0							

CHANNEL STATUS DATA							
N BYTES (N=6, 18or22)							

FIG. 13

<div>TRANSFER MODE</div> <div>TIMING MODE</div>	SYNCHRONOUS (SYNCHRONOUS)	ISOCHRONOUS (ISOCHRONOUS)	ASYNCHRONOUS (ASYNCHRONOUS)
NORMAL (NORMAL)	STANDARD ONE-TIME NORMAL SPEED	STANDARD VARIABLE SPEED	ASYNCHRONOUS PACKING
ADVANCED (ADVANCED)	O/E INVERSION	O/E INVERSION VARIABLE SPEED	
DUAL (DUAL)	FIELD PACKING	FIELD PACKING	
RESERVED	NOT PRESCRIBED	NOT PRESCRIBED	

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FIG. 14A
NORMAL

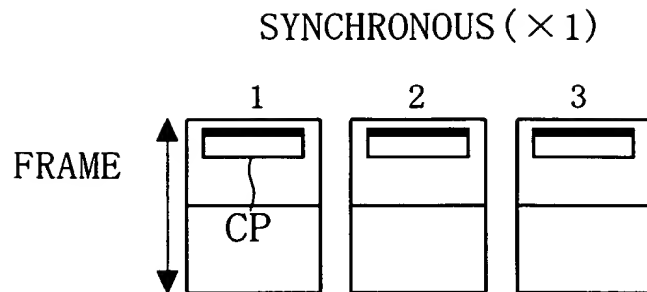


FIG. 14B
ADVANCED

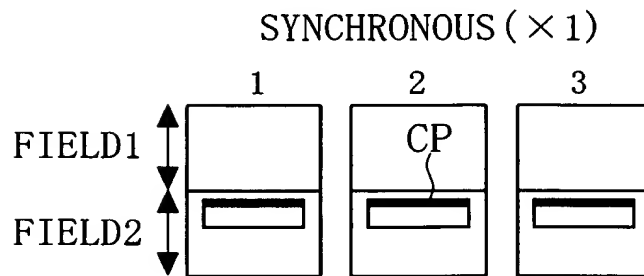


FIG. 14C
DUAL

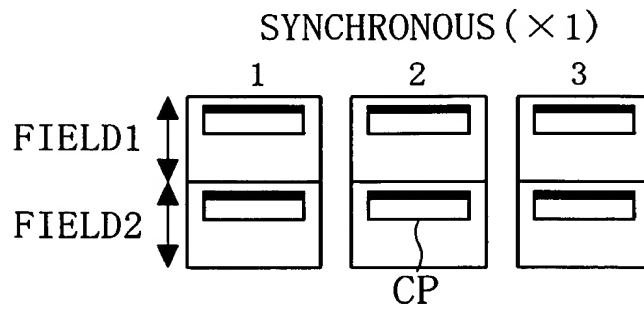


FIG. 14D

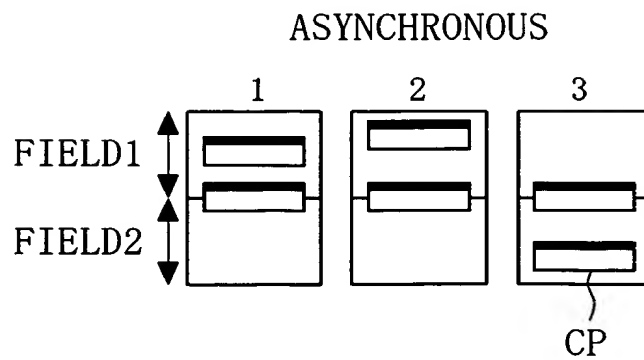


FIG. 15A
NORMAL

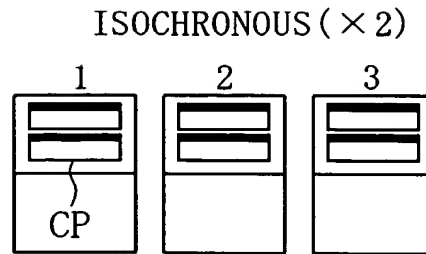


FIG. 15B
ADVANCED

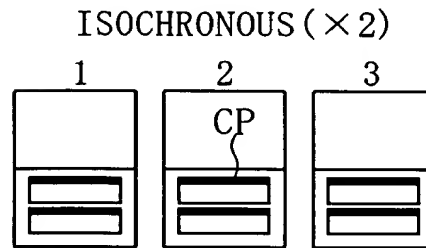


FIG. 15C
DUAL

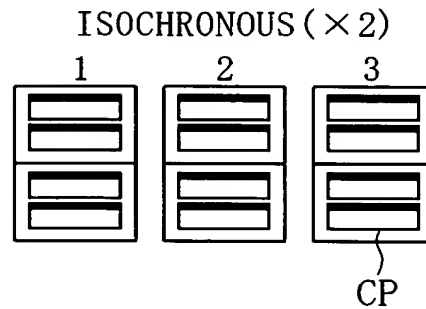


FIG. 15D
NORMAL

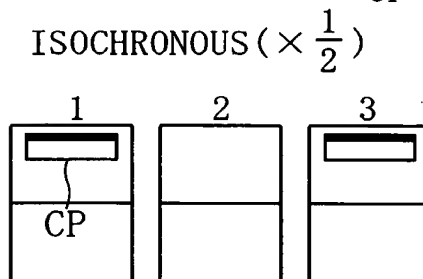


FIG. 15E
ADVANCED

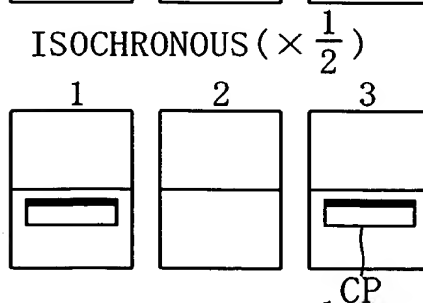


FIG. 15F
DUAL

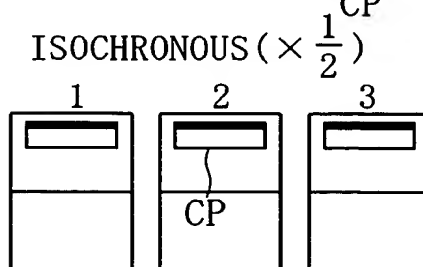
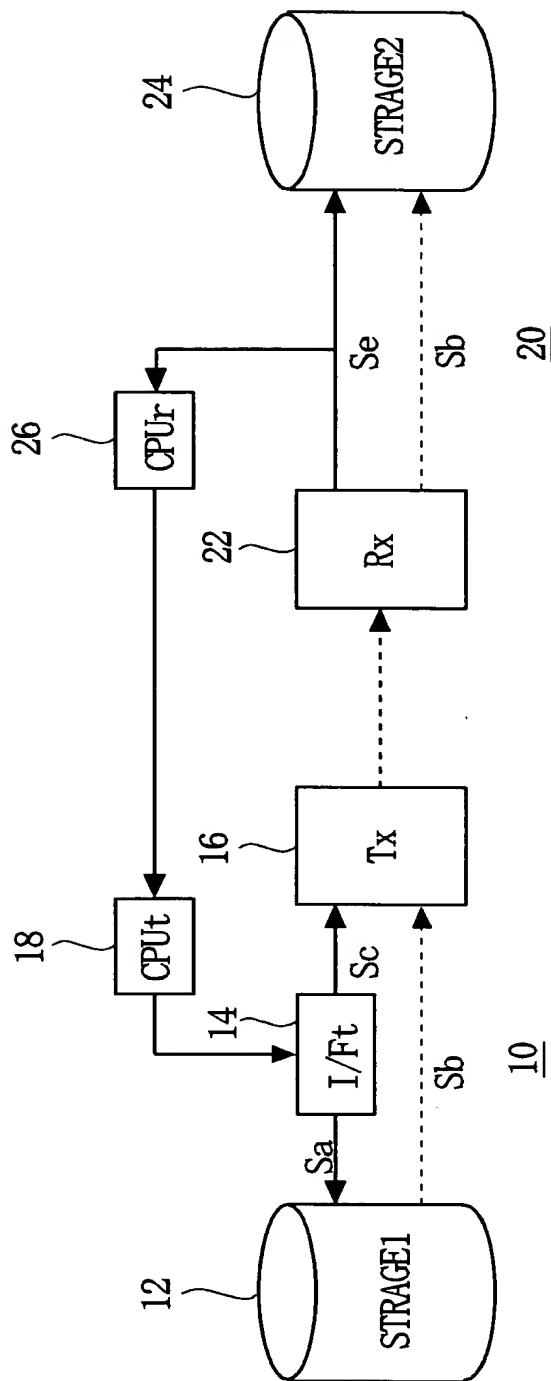


FIG. 16



TRANSMISSION DATA

5 WORDS

5 WORDS

FIG. 17A Sa

FIG. 17B Sb

FIG. 17C Sc

FIG. 17D

FIG. 17E Sd

FIG. 17F Se

ONE WORD

SEPARATOR

END CODE

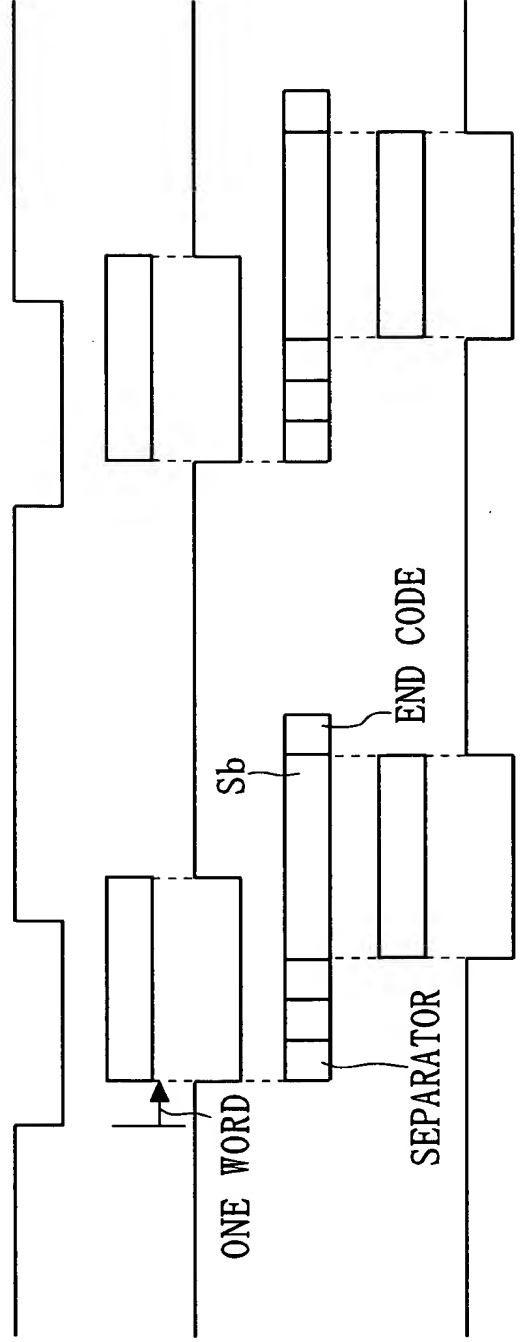
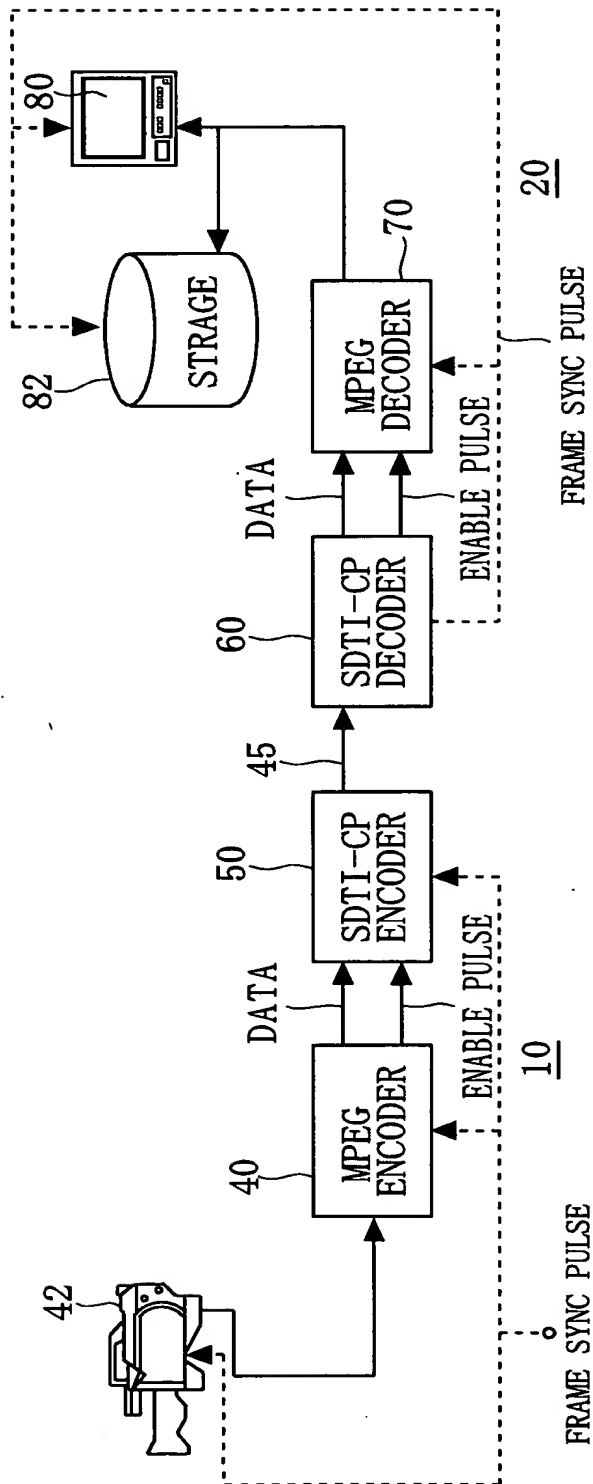
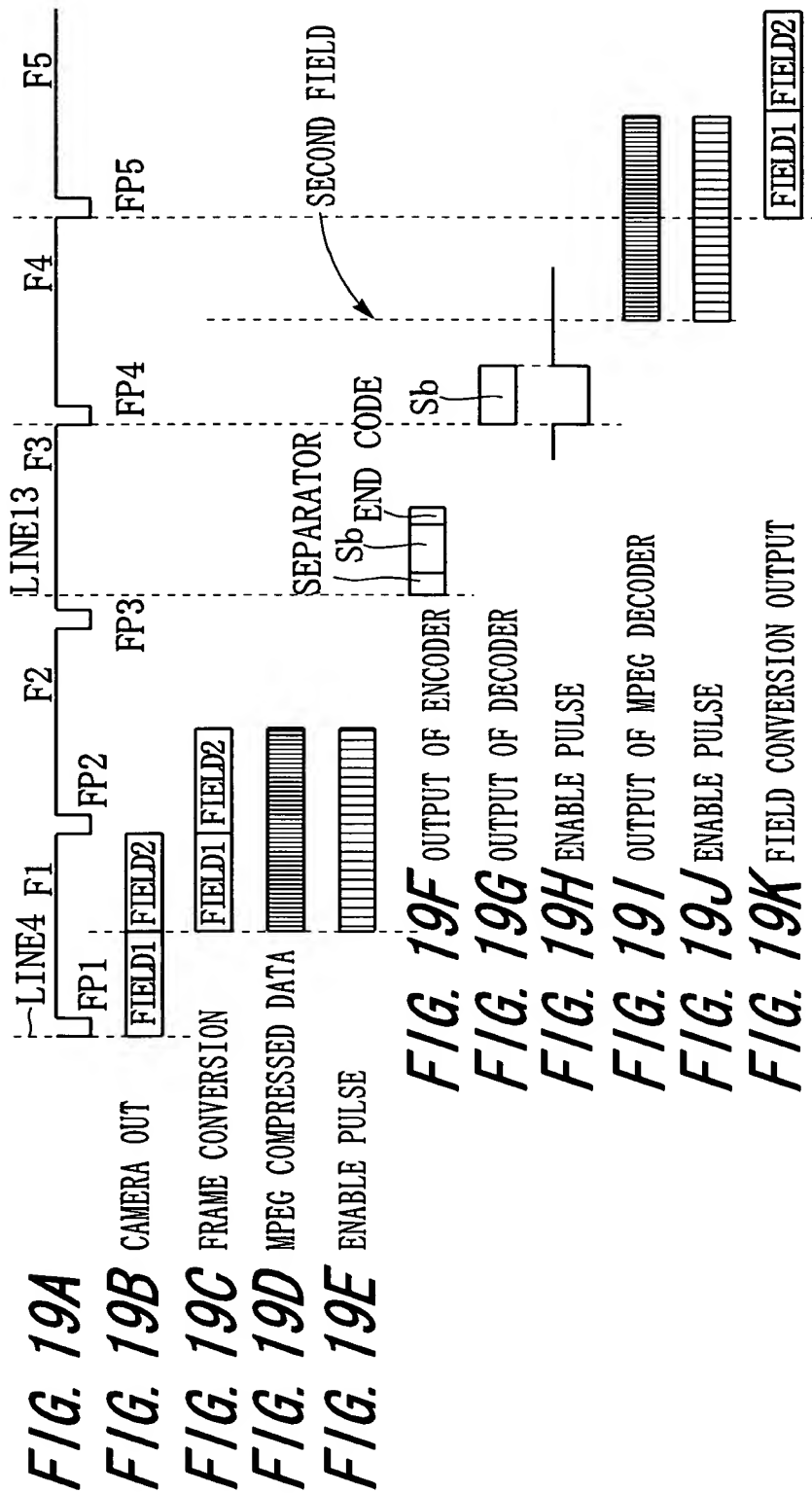


FIG. 18





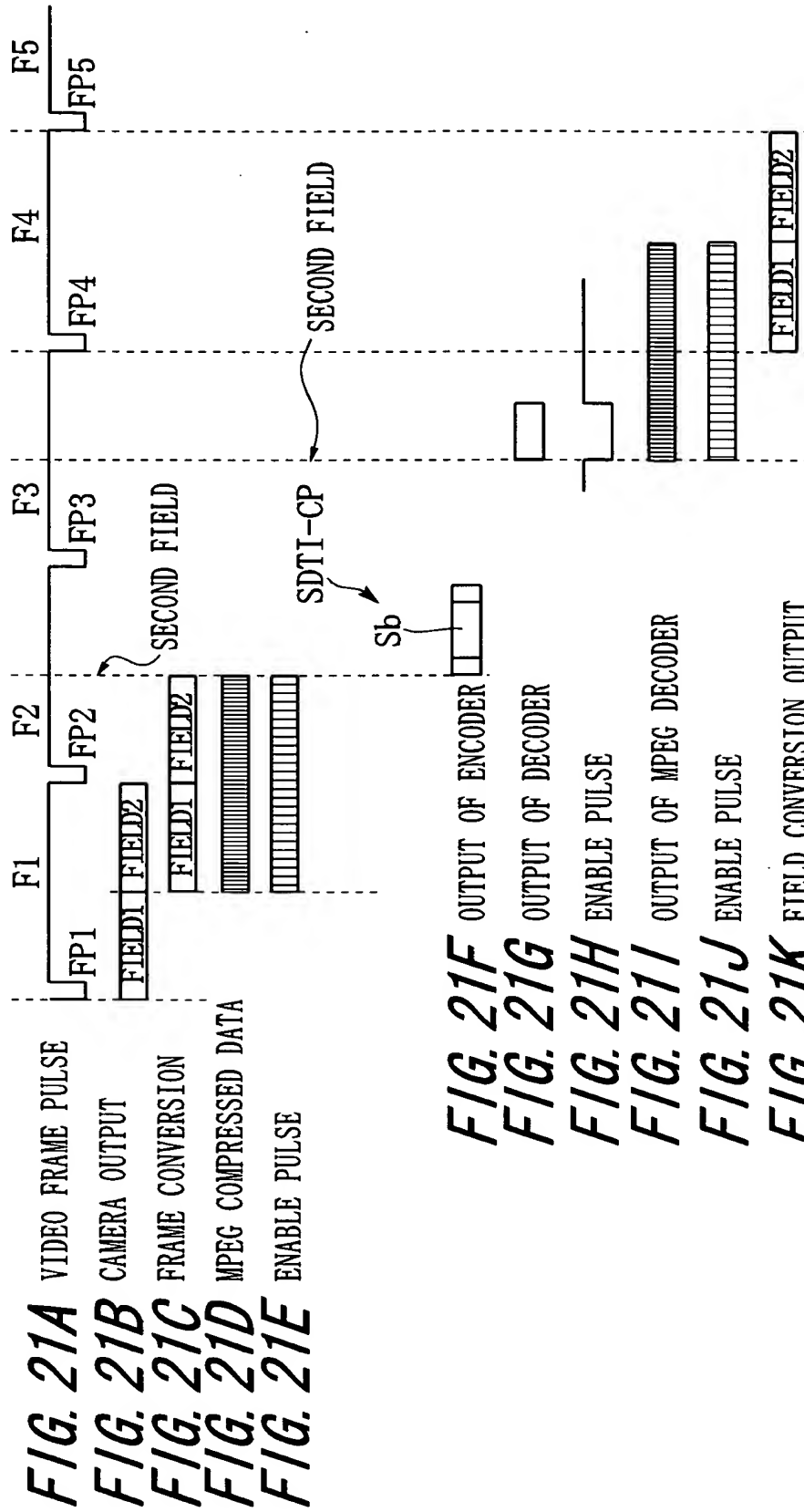
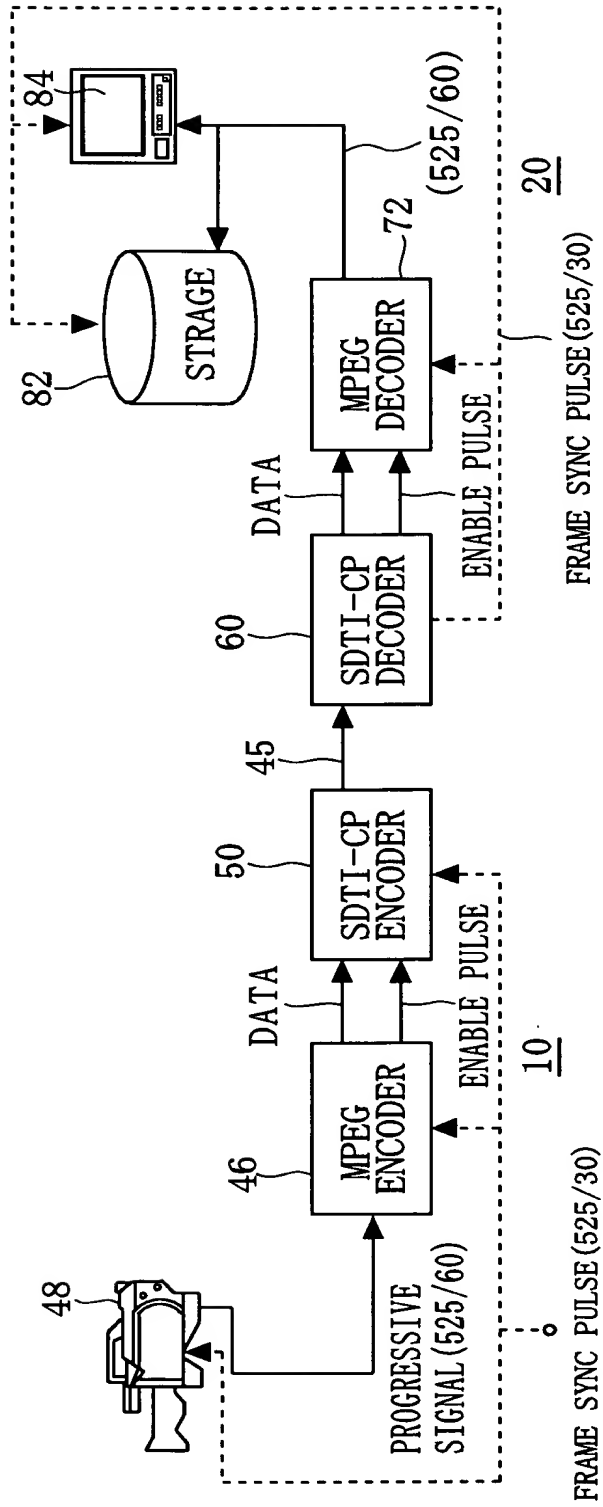


FIG. 22



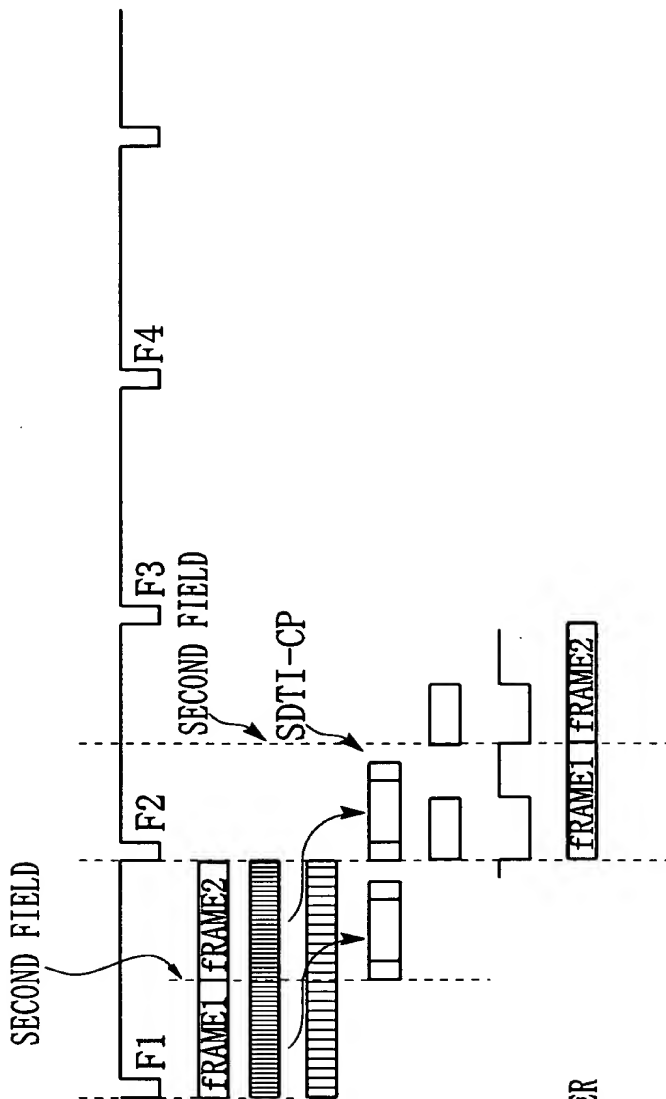


FIG. 23A VIDEO FRAME PULSE

FIG. 23B CAMERA OUTPUT

FIG. 23C MPEG COMPRESSED DATA

FIG. 23D ENABLE PULSE

FIG. 23E OUTPUT OF ENCODER

FIG. 23F OUTPUT OF DECODER

FIG. 23G ENABLE PULSE

FIG. 23H OUTPUT OF MPEG DECODER

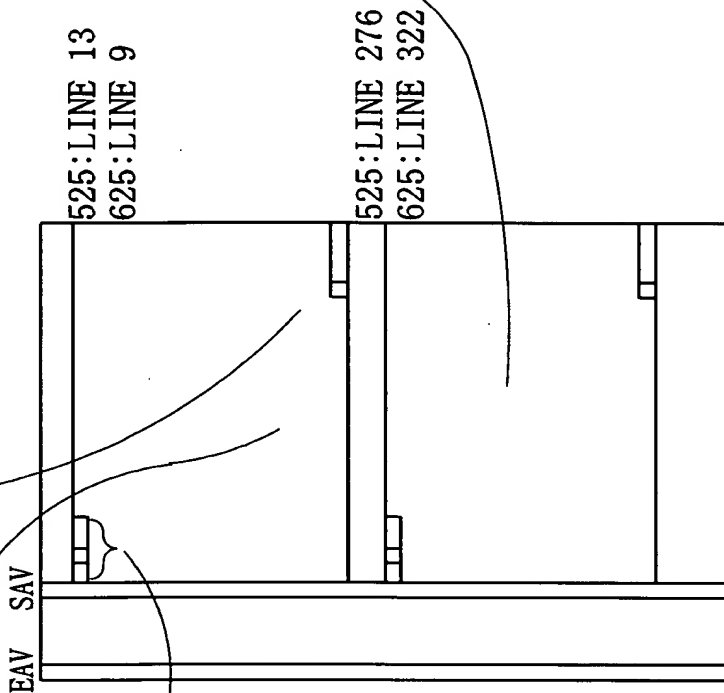
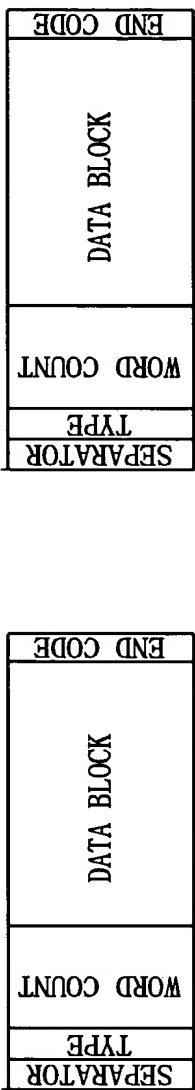
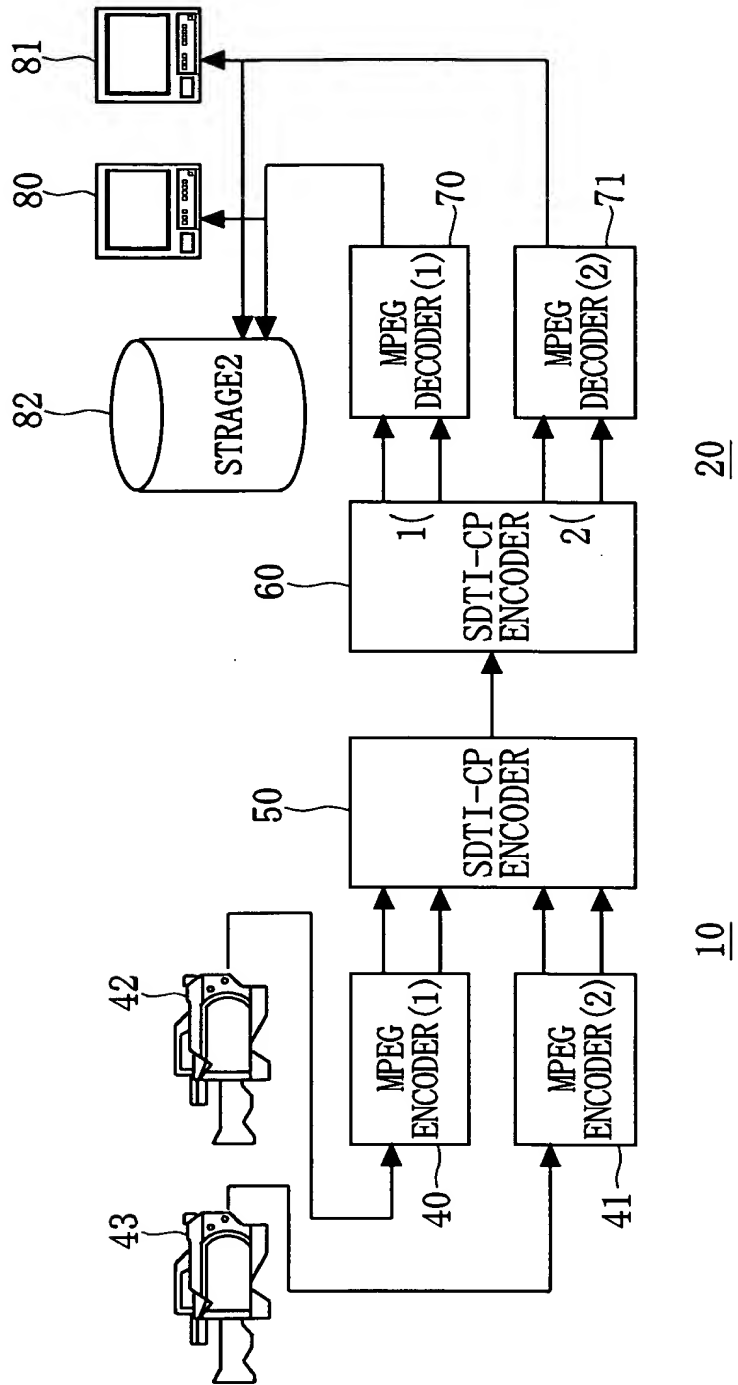
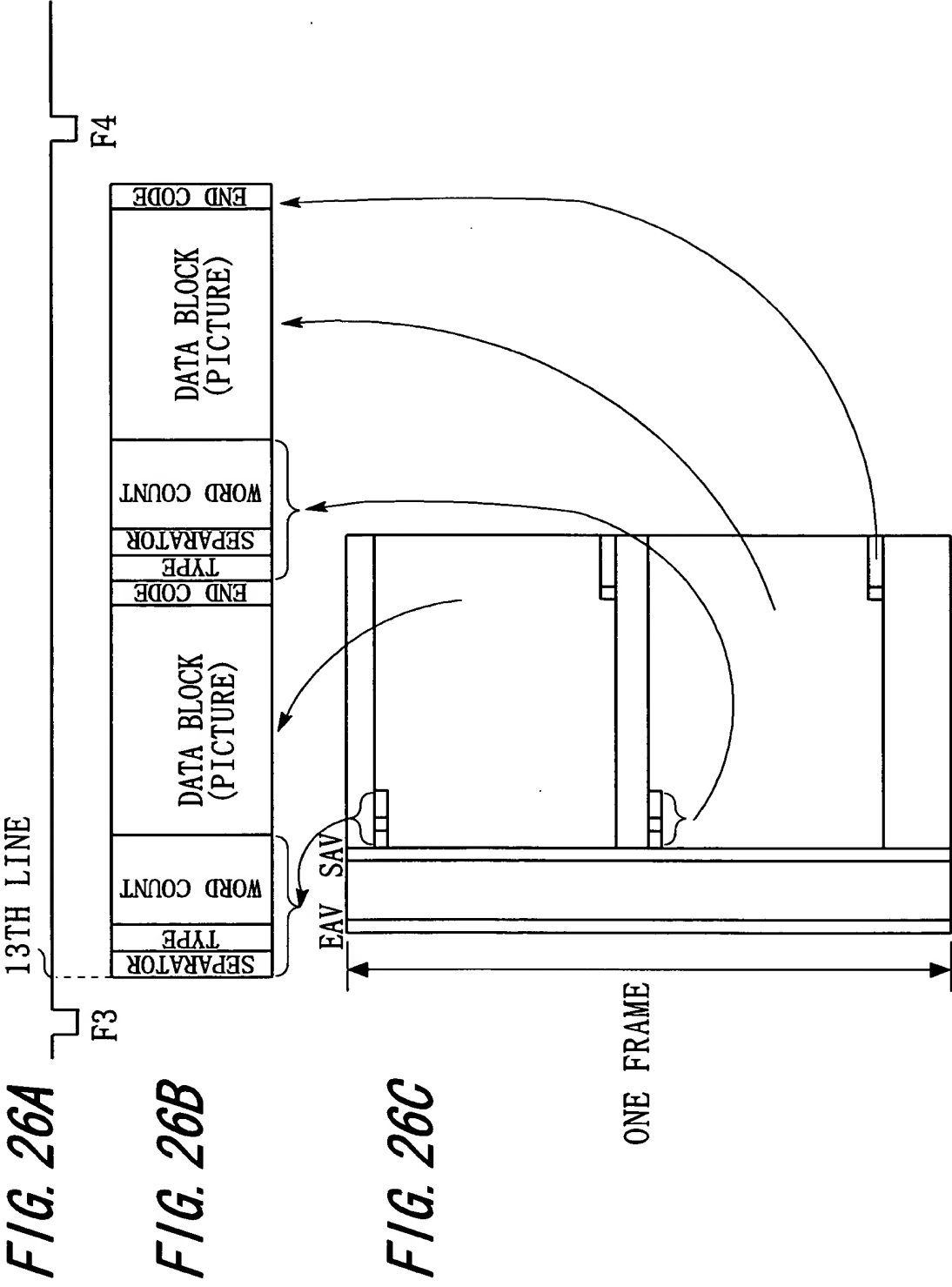


FIG. 25





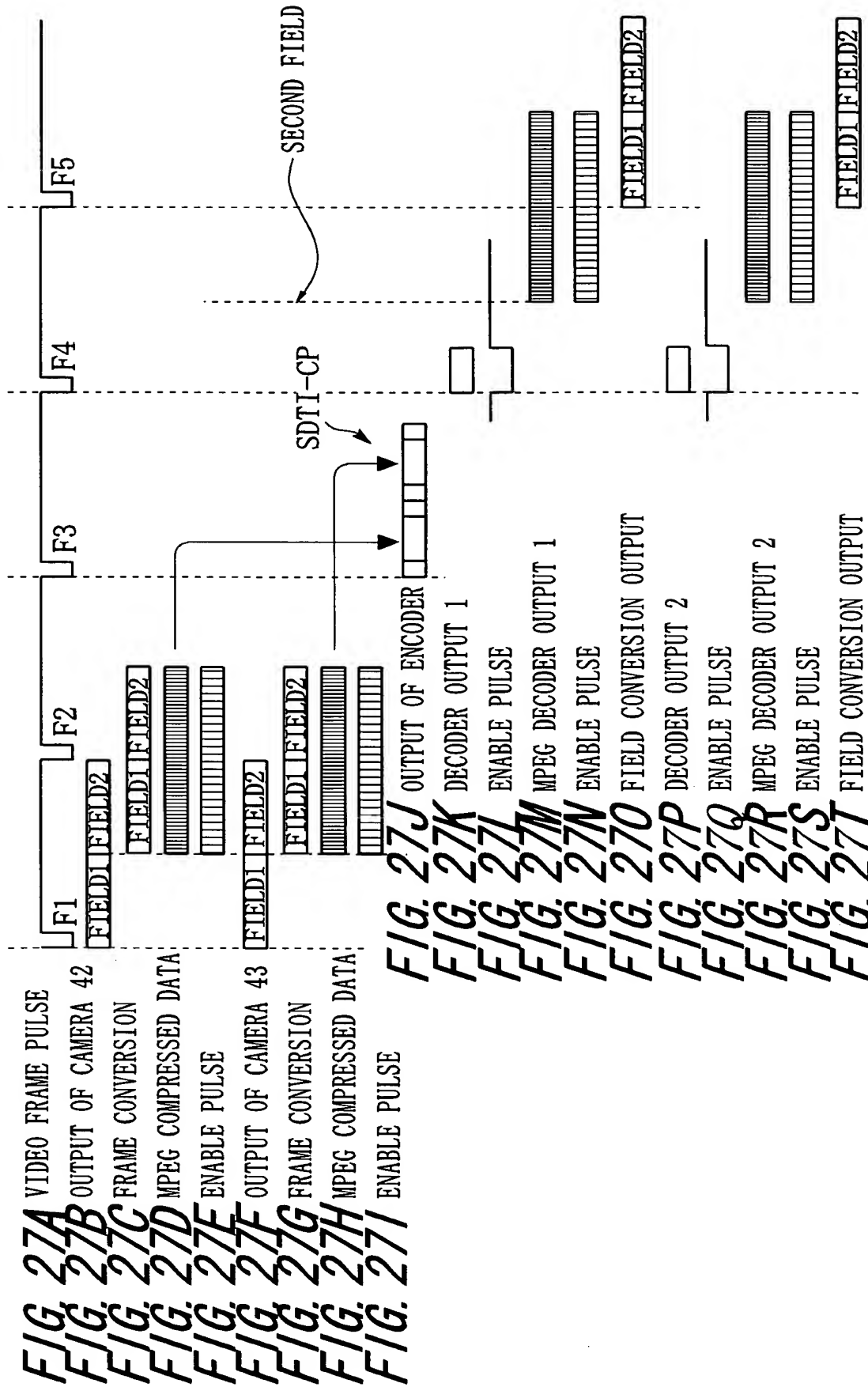


FIG. 29A

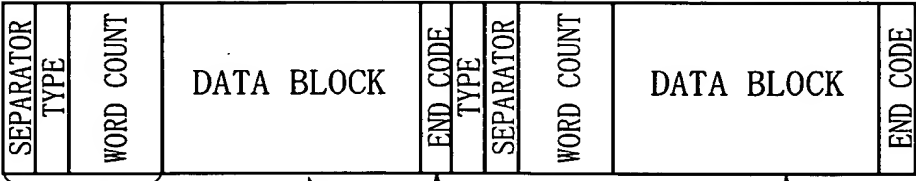


FIG. 29B

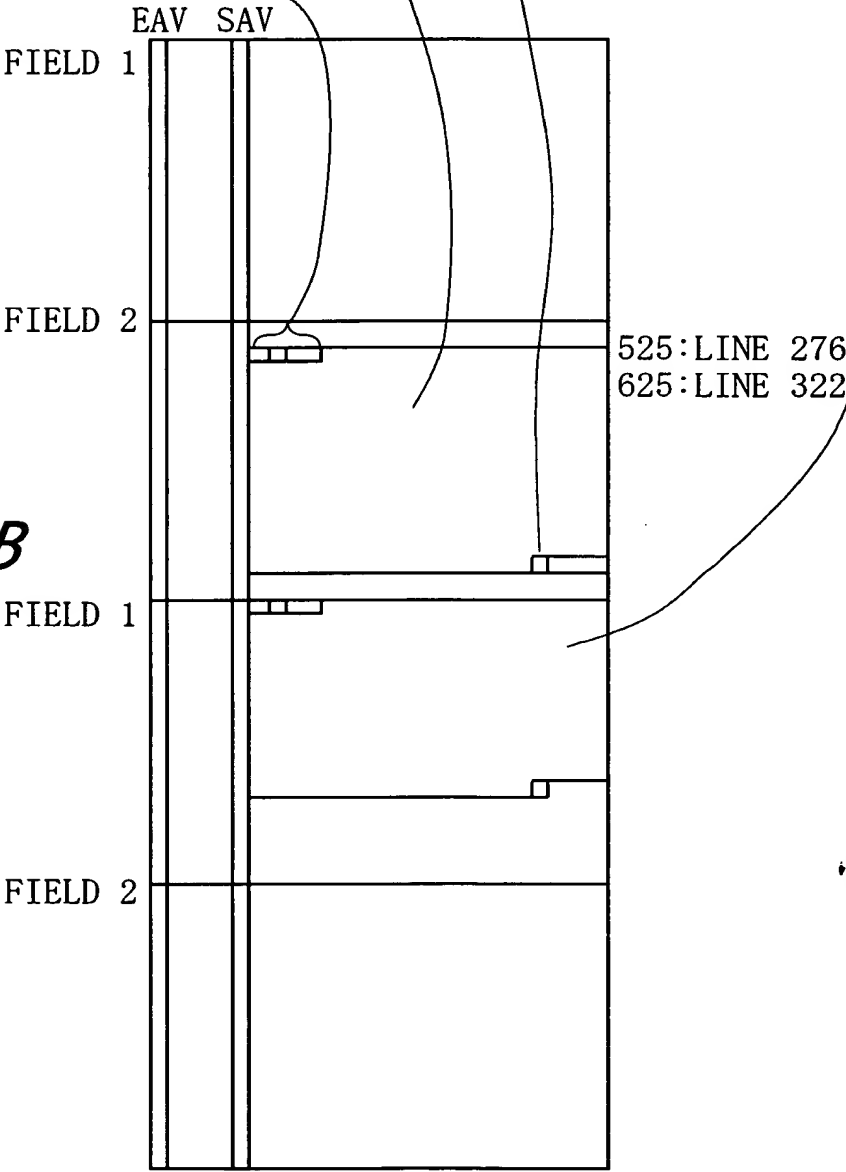
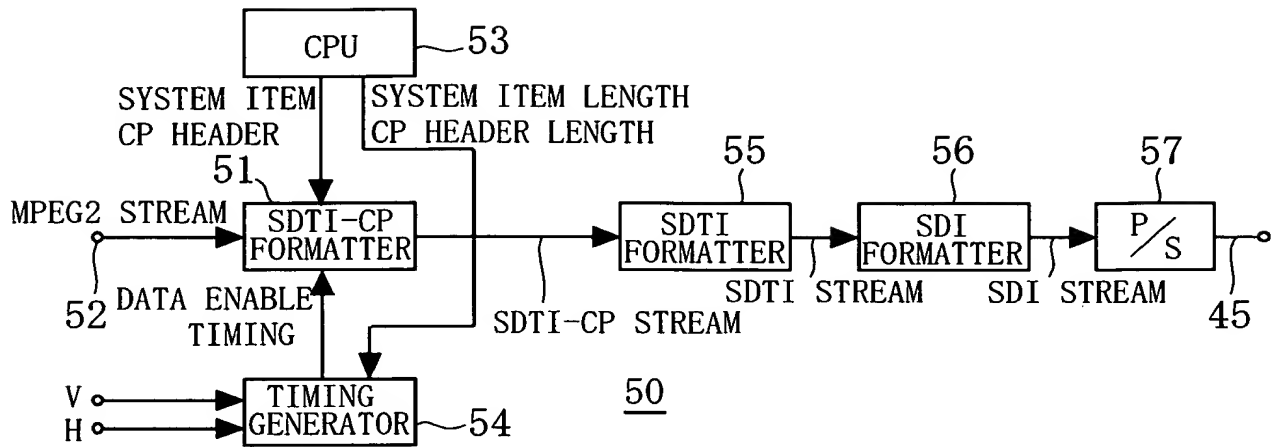


FIG. 29A

FIG. 30**FIG. 31A**
MPEG2 STREAM**FIG. 31B**
SDTI-CP STREAM**FIG. 31C**
DATA ENABLE**FIG. 31D**
SDTI STREAM**FIG. 31E**
EXAMPLE OF MAPPING
OF SDI STREAM